

**RECORD OF MEETING
AMEC PROJECTS 1.5-1/1.5
11-13 September 2002
Saint Petersburg, RUSSIA**

INTRODUCTION

Representatives of the Ministries of Defence (MOD) of Russia (RF), Norway (NOR), and the US Department of Defense (US) met in accordance with the AMEC Principals decisions on AMEC Projects 1.5 "Cooperation in Radiation Safety" and 1.5-1 "Radiation Control at Facilities – Application of the PICASSO System." The list of participants is included in Attachment 1.

MEETING GOALS

- Review the status of the delivery of KID-08S dosimeters to Polyarninsky shipyard.
- Review the status of US electronic dosimeters.
- Review the status of the installation contracts between ICC Nuclide and FFI and BNL for installation of ARMS-SP-LRW at FGUP Atomflot.
- Review status of the installation of PICASSO at Polyarninsky SRZ.

ACCOMPLISHED AND NEXT STEPS

- The manufacture of the Russian produced KID-08S individual dosimeters was completed in May 2002. The dosimeters were shipped on 3 September to the Polyarninsky SRZ. The issue of the transfer of equipment ownership from ICC Nuclide to the Polyarninsky SRZ has been resolved. Ownership will be transferred to Polyarninsky SRZ. After input control, training and establishment of procedures for dose registration, a testing period of three months will begin. Norway requests that ICC Nuclide carry out all procedures necessary for Norwegian and US AMEC 1.5 technical experts to access the Polyarninsky SRZ to. The project will be completed in February 2003. As stated in the contract US and NOR parties expressed their necessity to attend a demonstration and view the performance of the dosimeters at Polyarninsky shipyard. The Russian party will review the arrangement of this visit in the established order. after receiving an official request.
- The US supplied DD-100 dosimeters are now in the possession of the RF Navy. The readers and spare parts are to be shipped to Russia on receipt of an official

written request for this equipment from the RF MOD including the name and agent responsible for the receipt of this equipment. The RF MOD will supply this information by 15 October or notify the US that the equipment is no longer needed. If the remaining equipment is shipped, the dosimeters will be used at Polyarninskiy SRZ including the MPF and the PPP-RAO. The US DOD will issue a Tax Exemption letter for this equipment. .

- A Conceptual Design for installation of an automated radiation monitoring system at the temporary storage pad for RF Navy SNF and the LRW processing complex at RTP Atomflot has been developed by ICC Nuklid, IBRAE RAN and RTP Atomflot, funded by Minatom (\$ 30,000), and approved by the RF MOD and the RF Navy. This was provided to NOR and US in May 2002.
- The Technical Design, being prepared under a contract with FFI, has been completed and signed by the RF MOD, MOD GAN, RF Navy and IBRAE-RAN. Signature authorization from Minatom and Mintrans is now being secured. The RF side will provide an excerpt of this document to NOR and the US by 25 September 2002. The Installation Design has been drafted and will be supplied to NOR and US experts by 11 October 2002. The cost to produce the technical and installation design is being funded by Norway (\$54,500).
- During May-August 2002, Russian, Norwegian and U.S. technical experts finalized the scope of work for the construction of PICASSO at RTP Atomflot, and on 21 August, ICC Nuklid submitted a final contract proposal for the installation of PICASSO at RTP Atomflot. At the request of the Russian side and following the guidance of the Steering Group, the prime contract for installation of PICASSO will be managed by FFI. In support of this role, FFI and BNL, and FFI and ICC Nuklid have negotiated contracts for the installation of PICASSO at RTP Atomflot. These contracts are now coordinated, and should be signed on or about 16 September, 2002. This work is being financed by the Norwegian (\$229,118) and US (\$169,603) parties. The final cost for installation is \$398,721.
- Consistent with RF requirements, the transfer of ownership of PICASSO-AMEC will be decided by Ministry of Property with guidance from the RF MOD after the six month testing period is completed at FGUP Atomflot and the acceptance testing has been completed by the Interdepartmental Commission.
- The Technical Experts discussed the strategy for beginning construction and installation of PICASSO at the Polyarninsky SRZ. Based on work done last -year and paid for by the US (\$85,000), the RF side will submit by 30 October 2002 a revised conceptual outline and cost estimate for installation encompassing the MPF and the PP RAO.

THE EXPERTS REPORT TO THE STEERING GROUP

- Completion of installation and start of a 6 months test operation period for PICASSO at RTP Atomflot are planned for 8 July 2002 (Schedule: Attachment 2) or 1 September 2003 (Schedule: Attachment 3), all depending on the weather conditions.
- Papers on PICASSO will be presented at the meetings in Vladivostok, the American Nuclear Society, and Waste Management 03.

NEXT MEETING

- Receipt of the proposed conceptual design and cost estimate for Polyarninski SRZ will be the basis for the next Project Officers meeting. We expect this meeting to occur in November or December.
- A Project Officers meeting will be held in Tuscon during WM 03.

For Russian Ministry of Defence

For US Department of Defense

CAPT Andrey Egorkin

CDR John Pomerville

For Norwegian Ministry of Defence

Dr. Monica Endregard

ATTACHMENT 1

THE LIST OF PARTICIPANTS OF MEETING ON PROJECT «AMEC 1.5-1»

Saint Petersburg, September 11-13, 2002

РОССИЙСКАЯ ФЕДЕРАЦИЯ	RUSSIAN FEDERATION
Минобороны России Андрей Андреевич Егоркин	Ministry of Defence Andrey Egorkin
МКЦ «Нуклид» Лев Михайлович Чернаенко Елена Сумцова Сергей Ермаков	ICC Nuclide Lev Tchernachenko Elena Sumtsova Sergei Ermakov
ИБРАЭ РАН Владимир Павлович Киселев	IBRAE RAN Vladimir Kisselev
США	USA
Агентство по уменьшению угрозы Джон Помервилль	Defense Threat Reduction Agency John Pomerville
Брукхевенская национальная лаборатория Пол Московитц	Brookhaven National Laboratory (BNL) Paul Moskowicz
Норвегия	NORWAY
Норвежский институт оборонных исследований Моника Эндрегард	Norwegian Defence Research Establishment Monica Endregard
Норвежский институт энерготехнологий Раждип Сингх Сидху	Institute for Energy Technology Rajdeep Singh Sidhu
Переводчик Алексей Попов	Interpreter Aleksey Popov

